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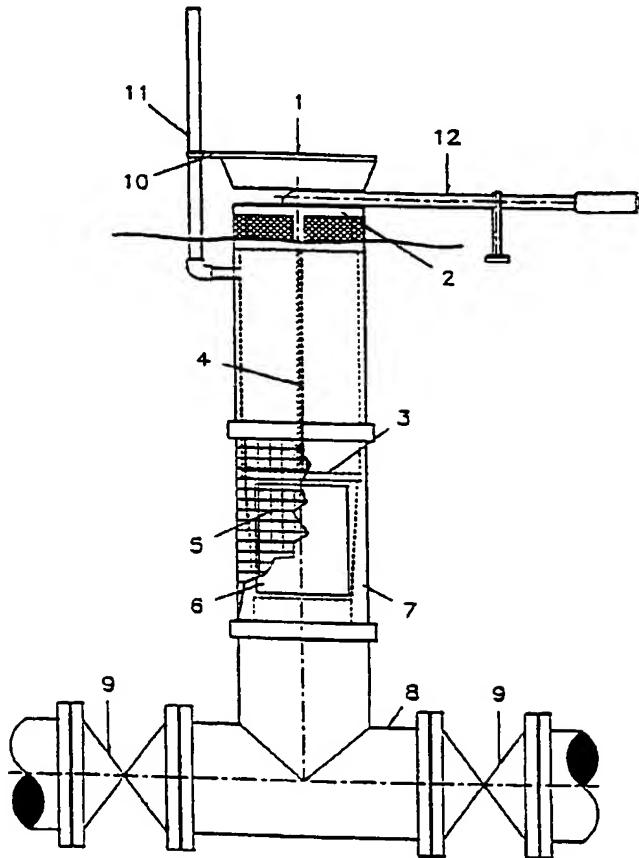
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(54) Title: AN ANTI-FLOODING DEVICE FOR THE EXPLOITATION OF WATER ENERGY



(57) Abstract: An anti-flooding device with possible displacement of the waters for the exploitation of water energy comprising a double closing system with an outer or inner cylindrical element with automatic, semi-automatic or manual operation, consisting of a pipe-line provided, in its upper part, with an opening (2) at the surface level which assures a constantly equal water level in the basin, and below which there are a plurality of pipes (11) which come out above the surface for the air passage and for being guided to a float (1) connected to a tubular sluice-gate (3) that closes an opening (6) realized on the bottom of the main pipe-line, which may be connected and functioning inside as well as outside of said structure, so that said sluice-gate (3) allows the passage of water - in normal flow conditions - from the opening on the water surface while, in case of an excessive level increase and being connected to the float (1) on the surface, the latter rises and operates the opening of said sluice-gate so that due to the pressure of the water as well as to the air inlets provided on the surface, a quick emptying of the basin may be realized until the basin itself or the course of the water is back to a safety level.

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